

# INTERNATIONAL SEARCH REPORT

International Application No  
/GB2004/004568

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F02M65/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F02M G01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 03/001054 A1 (ASSEMBLY TECHNOLOGY & TEST LIMITED; EVETT, JAMES, WILLIAM) 3 January 2003 (2003-01-03) page 1, line 1 - line 20; figure 1	26, 27
Y	DE 199 45 673 A1 (DAIMLERCHRYSLER AG) 5 April 2001 (2001-04-05) column 4, line 5 - line 12; figure 2	26, 27
A	US 6 311 553 B1 (SCHOEFFEL EBERHARD ET AL) 6 November 2001 (2001-11-06) column 1, line 54 - line 64; figure 1	1, 23-26, 30
A	US 4 430 010 A (ZRENNER ET AL) 7 February 1984 (1984-02-07) column 2, line 15 - line 47; figures 1, 2	1, 23-26, 30

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*&\* document member of the same patent family

Date of the actual completion of the international search

31 January 2005

Date of mailing of the international search report

07/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Schmitter, T

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB2004/004568

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-29

Fuel injector tester in which two imiscible fluids are used to measure the flowrate of fuel leaked from the injector's nozzle.

---

2. claims: Claims 30-35

A calibrating capillary tube to calibrate a fuel injector tester.

---

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/004568

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03001054	A1	03-01-2003	NONE	
DE 19945673	A1	05-04-2001	WO 0124320 A1 EP 1214756 A1	05-04-2001 19-06-2002
US 6311553	B1	06-11-2001	DE 19648689 A1 CN 1208476 A WO 9824014 A1 DE 59701133 D1 EP 0880732 A1 ES 2143853 T3 JP 2000504389 T RU 2189488 C2	28-05-1998 17-02-1999 04-06-1998 23-03-2000 02-12-1998 16-05-2000 11-04-2000 20-09-2002
US 4430010	A	07-02-1984	DE 3045401 A1 GB 2088563 A ,B JP 57119248 A	01-07-1982 09-06-1982 24-07-1982